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- (71) Applicant (for all designated States except US): **E.I. DUPONT DE NEMOURS AND COMPANY [US/US];**
1007 MARKET STREET, WILMINGTON, Delaware
19898 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BROWNE,**

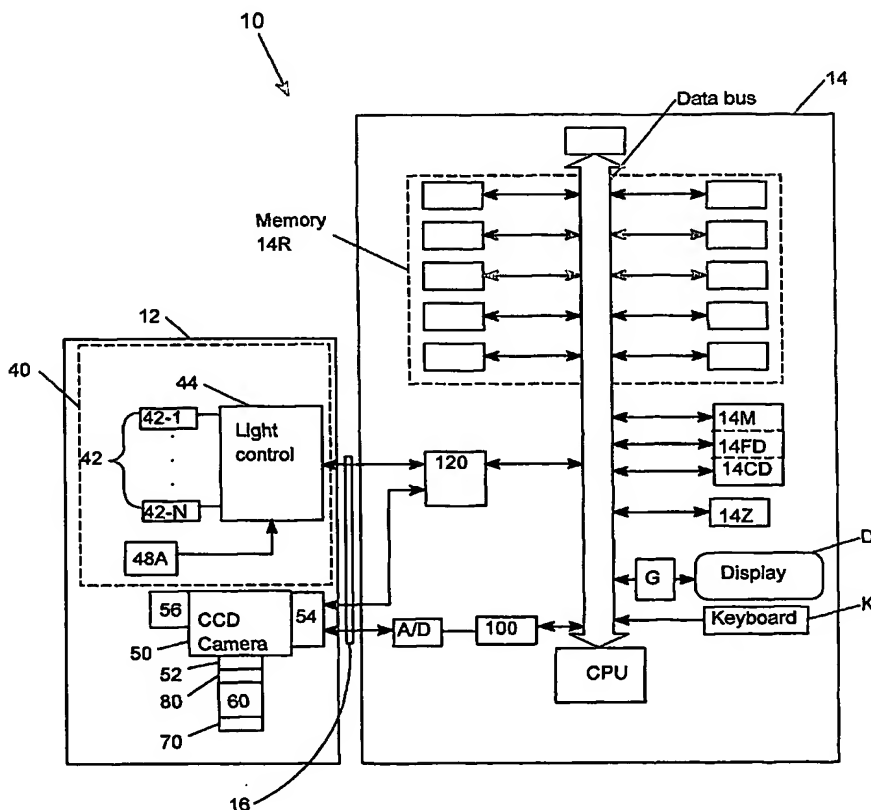
Richard, Walker [US/US]; 1406 Belvoir Circle, Wilmington, Delaware 19803 (US). **CANNING, Robert, V., Jr. [US/US];** 519 Sawmill Bridge Lane, Bear, Delaware 19701 (US). **EVANS, Michael, H. [US/US];** 5 Kelly Lane, Newark, Delaware 19711 (US). **JOHNSON, Robert, William [US/US];** 75 Woodchuck Way, Kennett Square, Pennsylvania 19348 (US). **RUBIN, Barry [US/US];** 99 Fox Valley Lane, Glen Mills, Pennsylvania 19342 (US). **STILWELL, Douglas, Ray [US/US];** 7 Lilac Court, Wilmington, Delaware 19808us (US).

(74) Agent: **SINNOT, Jessica, M.; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER,** 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).

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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR QUANTIFYING VISUAL SHOWTHROUGH OF PRINTED IMAGES ON THE REVERSE OF PLANAR OBJECTS



(57) Abstract: An image analysis method to quantify visual showthrough of printed images on the reverse face of planar objects, such as paper. An illumination level is set using a white reference object. A white reference image is stored in a computer memory. An image of a planar object having a printed image on the reverse face is stored in a computer memory. A pixel by pixel ratio of the two images is calculated and a mean value of the ratios is calculated to characterize the visual showthrough. The measurements are substantially independent of both the illumination level and image shading.



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